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PATENT  
03DV-7119

2837

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Beifus, et al.

Serial No.: 09/681,718

Filed: May 24, 2001

For: MOTOR CONTROL CIRCUIT

Group Art Unit: 2837

Examiner: J. Donels

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Respectfully submitted,

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*Response*  
*Shuph*  
*3-13-03*

**REQUEST FOR RECONSIDERATION**

Commissioner for Patents  
Box FEE AMENDMENT  
Washington, D.C. 20231

Sir:

In response to the Office Action dated September 26, 2002, Applicants respectfully request consideration of the following remarks.

**REMARKS**

The Office Action mailed September 26, 2002 has been carefully reviewed and the following remarks are made in consequence thereof.

The rejection of Claims 11-20 under 35 U.S.C. § 112, second paragraph is respectfully traversed. Applicants respectfully submit that one skilled in the art would understand the functions of "a first input circuit", "a second input circuit coupled to said first input circuit", "a microcontroller", "a first output circuit" and "a second output circuit" after reading the specification in light of the figures. Specifically, all of the aforementioned circuit elements are shown in detail in the electrical schematic illustrated in Figure 2 including component circuit reference numerals, component part numbers, and resistor ratings, as well as Figure reference numerals. Furthermore, in the specification at paragraph 17, starting at line 4, for example, first input circuit 44 is described as, "a diode bridge rectifier circuit", and at paragraph 19, starting at line 2, "[d]iode bridge rectifier input circuit 44 rectifies the AC signal." Second input circuit 46 is described, for example, at paragraph 17, line 5 as providing "inputs to microcontroller 50", and at paragraph 19, line 4, for example, as "inputs the DC signal to microcontroller 50." Additionally, microcontroller 50 is described at, for example, paragraph 19, line 5 as "microcontroller 50, which controls a motor." In addition

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